

PSP Cover Sheet

99 6.110

Proposal Title: Sacramento River Water Education Center: *A Public Education Center Along the Bike Trail Near Old Sacramento Presenting How River Ecosystems, Fisheries Protection, and Water Conservation Are Important to Drinking Water Supplies and Quality*

Applicant Name: City of Sacramento

Mailing Address: 1395 35th Avenue, Sacramento, CA 95822

Telephone: (916) 264-1426

Fax: (916) 264-1497

Email: ggosse@gw.sacto.org

Amount of funding requested: \$46,500 for 2 years

Indicate the topic for which you are applying (check only one box).

- | | |
|--|---|
| <input type="checkbox"/> Fish Passage/Fish Screens | <input type="checkbox"/> Introduced Species |
| <input type="checkbox"/> Habitat Restoration | <input type="checkbox"/> Fish Management/Hatchery |
| <input type="checkbox"/> Local Watershed Stewardship | <input checked="" type="checkbox"/> Environmental Education |
| <input type="checkbox"/> Water Quality | |

Does the proposal address a specified Focused Action? ___ yes ✓ no

What county or counties is the project located in? Sacramento County

Indicate the geographic area of your proposal (check only one box).

- | | |
|---|---|
| <input checked="" type="checkbox"/> Sacramento River Mainstem | <input type="checkbox"/> East Side Trib: _____ |
| <input type="checkbox"/> Sacramento Trib: _____ | <input type="checkbox"/> Suisun Marsh and Bay |
| <input type="checkbox"/> San Joaquin River Mainstem | <input type="checkbox"/> North Bay/South Bay: _____ |
| <input type="checkbox"/> San Joaquin Trib: _____ | <input type="checkbox"/> Landscape (entire Bay-Delta watershed) |
| <input type="checkbox"/> Delta: _____ | <input type="checkbox"/> Other: _____ |

Indicate primary species which the proposal addresses (check all that apply)

- | | |
|--|--|
| <input type="checkbox"/> San Joaquin and East Side Delta tributaries fall-run chinook salmon | <input type="checkbox"/> Spring-run chinook salmon |
| <input type="checkbox"/> Winter-run chinook salmon | <input type="checkbox"/> Fall-run chinook salmon |
| <input type="checkbox"/> Late-fall run chinook salmon | <input type="checkbox"/> Longfin smelt |
| <input type="checkbox"/> Delta smelt | <input type="checkbox"/> Steelhead trout |
| <input type="checkbox"/> Splittail | <input type="checkbox"/> Striped bass |
| <input type="checkbox"/> Green sturgeon | <input type="checkbox"/> All chinook species |
| <input type="checkbox"/> Migratory birds | <input type="checkbox"/> All anadromous salmonids |
| <input checked="" type="checkbox"/> Other: <u>All species</u> | |

Specify the ERP strategic objective and target(s) that the project addresses. Include page numbers from February 1999 version of ERP Volume I and II:

Indicate the type of applicant (check only one box):

- | | |
|---|---|
| <input type="checkbox"/> State agency | <input type="checkbox"/> Federal agency |
| <input type="checkbox"/> Public non-profit joint venture | <input type="checkbox"/> Non-profit |
| <input checked="" type="checkbox"/> Local government/district | <input type="checkbox"/> Private party |
| <input type="checkbox"/> University | <input type="checkbox"/> Other: _____ |


Indicate the type of project (check only one box):

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> Planning | <input type="checkbox"/> Implementation |
| <input type="checkbox"/> Monitoring | <input checked="" type="checkbox"/> Education |
| <input type="checkbox"/> Research | |

By signing below, the applicant declares the following:

- 1.) The truthfulness of all representations in their proposal;
- 2.) The individual signing the form is entitled to submit the application on behalf of the applicant (if the applicant is an entity or organization); and
- 3.) The person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section 2.4) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.

City of Sacramento


Gary E. Gosse
Supervising Engineer

Sacramento River Water Education Center

***A Public Education Center Along the Bike Trail Near Old Sacramento
Presenting How River Ecosystems, Fisheries Protection, and Water
Conservation Are Important to Drinking Water Supplies and Quality***

Submitted By:

**Gary E. Gosse
City of Sacramento
1395 35th Avenue
Sacramento, CA 95822**

**Phone: (916) 264-1426
Fax: (916) 264-1497
e-mail: ggosse@gw.sacto.org**

**Type of Organization: Municipal Corporation
Tax Status: Municipal Government/Exempt
Tax Identification Number: 94-6000410**

April 15, 1999

996-110

Executive Summary

The City of Sacramento is designing and will soon construct a public access walkway with artwork at the City's replacement water intake facility on the Sacramento River. The artwork will communicate environmental and historical themes related to the Sacramento Waterfront. The walkway will be adjacent to the Sacramento River Bike Trail in a high-use recreation area between Old Sacramento and Discovery Park. The walkway and artwork will be installed during the final construction phase of the City's replacement intake facility.

With CALFED funding of this proposal, the artwork along the public access walkway will be expanded in scope and size to incorporate river ecosystems, fisheries protection, drinking water quality, water conservation, and other CALFED program concepts into a multi-purpose and attractively designed public education center. The education center will focus on three themes that are critical to drinking water supplies in general and to the City's water supply and quality, in particular: (1) river ecosystem health and the geographic relationship of the City's point of diversion to the Sacramento and San Joaquin rivers and Delta; (2) the role of fisheries protection to the ecosystem and the City's new state-of-the-art fish screen at the intake; and (3) the actions that individuals can take to contribute to river ecosystem health and quality.

The center will have approximately 10 to 15 display stations that can be self-guided or used as instructional points to complement classroom natural resources curricula. The center will be designed to appeal to multiple age and interest groups by presenting text and graphics at three levels: elementary school, high school, and advanced high school/adult. To facilitate regional school use of the facility, education programs will be developed and coordinated with existing programs as part of a City community outreach effort. Signs directing visitors to the facility will also be placed at locations in Old Sacramento and within Discovery Park to inform recreationists of the center. The City will coordinate with the Old Sacramento Citizens and Merchants Association and other Waterfront businesses, the Sacramento County Department of Parks and Recreation, and the Sacramento Metropolitan Arts Commission.

The goal of this project is compatible with the CALFED goal of developing a broader understanding of natural resource conservation issues at the individual and community level. The primary project objective is to increase public awareness, knowledge, and appreciation of the connections between the river ecosystem and drinking water supply and quality. By establishing an education center at the intake location, students and the general public can see first-hand how the addition of one element (fish screen) of a water supply system can improve the survival of at-risk fish species (as communicated through the displays).

Project implementation would be accomplished over a two year period. Total CALFED funding would be approximately \$46,500.

The City and Montgomery Watson will lead the planning and design team responsible for the water education center. The team will also consist of City staff in charge of the replacement intake structure project and specialists from CH2M Hill, Surface Water Resources, Inc. (SWRI), and Lionakis Beaumont. The California Department of Water Resources (DWR) Office of Water Education will provide comments and technical review to draft work products.

Montgomery Watson is an environmental engineering and technology company that is actively participating in several CALFED programs and projects that address water management issues to be displayed at the water education center. SWRI, a water resources consulting firm that specializes in aquatic and other water-related biological resources matters, is active in CALFED programs and is currently performing analyses and consulting with resources agencies on numerous Endangered Species Act listed species, including fish to be protected by the replacement intake project screens.

No adverse or third party effects are anticipated from this project. No monitoring or data collection would be performed for this project.

Project Description

The City of Sacramento is designing and will soon construct a public access walkway with artwork at the City's replacement water intake facility on the Sacramento River. The artwork will communicate environmental and historical themes related to the Sacramento Waterfront. The walkway will be adjacent to the Sacramento River Bike Trail in a high-use recreation area between Old Sacramento and Discovery Park. The walkway and artwork will be installed during the final construction phase of the City's replacement intake facility.

With CALFED funding of this proposal, the artwork along the public access walkway will be expanded in scope and size to incorporate river ecosystem, fisheries protection, drinking water quality, water conservation, and other CALFED program concepts into a multi-purpose and attractively designed public education center. The education center will focus on three themes that are critical to drinking water supplies in general and to the City's water supply and quality in particular: (1) river ecosystem health and the geographic relationship of the City's point of diversion to the Sacramento and San Joaquin rivers and Delta; (2) the role of fisheries protection to the ecosystem and the City's new state-of-the-art fish screen at the intake; and (3) actions that individuals can take to contribute to river ecosystem health and quality.

An exhibit on screening and passage of downstream migrating juvenile fish will be placed with directions to the walkway that leads to the City's replacement intake structure. The City is designing a bridge for public access to the new river intake and the educational displays will assist the visitor in understanding juvenile fish protection. As part of the fish screen and ecosystem-related displays, information will be presented on CALFED's cost-sharing contribution to the new fish screens at the intake structure and the overall CALFED mission and goals, including the resource issues that have led to the CALFED Bay-Delta Program. The center will explain the increasing demands (e.g., urban and environmental) on available water supplies, and increase awareness of the roles of the rivers and Sacramento-San Joaquin Delta on ecologically and economically important fish and the quality of drinking water.

The center will have 10 to 15 display stations that can be self-guided or used as instructional points to complement natural resources classroom curricula. The center could be easily incorporated into living history and other public education school field trips in Old Sacramento such as the Railroad Museum, Discovery Museum, and Waterfront. A high level of visitor use is expected due to the center's location along the bike trail near Old Sacramento and Discovery Park and visibility and access from Interstate 5 (I-5) (Figure 1). If approved, the City will also coordinate with CALTRANS and the City's Transportation Department regarding the installation of signs on I-5 and surface streets directing visitors to the site.

The center will be designed to appeal to multiple age and interests by presenting text and graphics at three levels: (1) at a height and in a format for elementary school (grades 3/4) student introduction to California water; (2) at an adult height and level of detail for high school (grades 10/11) student introduction to water science and water geography; and (3) additional information to assist in communicating advanced science and social study concepts to high school students and interested adults. The elementary school level information will be designed to incorporate and extend Grade 3/4 curriculum on California water. A self-guided tour will be designed to for elementary school level presentations (20-30 minutes), high school level presentations (40-45 minutes), and advanced high school/adult level presentation (about 90 minutes).

To facilitate regional use of the facility, education programs will be developed and coordinated with existing programs as part of a community outreach effort. Signs will also be placed at locations in Old Sacramento and Discovery Park to direct recreationists to the center. The site is within about a 10-minute walk of both Old Sacramento and Discovery Park along this heavily-used section of the Bike Trail. The

Sacramento County Department of Parks and Recreation recorded over 300,000 visitor days at Discovery Park last year, and the Old Sacramento Waterfront has an even greater number of visitor days annually.

The City of Sacramento will maintain the facility along with the public access to the intake structure on the Sacramento River. This will include garbage collection, painting and repairs, and other maintenance. The City will also coordinate with Old Sacramento and Waterfront businesses, and Sacramento County Department of Parks and Recreation as part of the public outreach program.

The City has contracted with the engineering consulting firm of CH2M Hill for the design of the Sacramento River water treatment plant replacement intake project. The firm of Montgomery Watson, the City's overall project and contract manager, has contracted with Lionakis Beaumont Design Group to develop the architectural design of the replacement intake and access bridge. The engineering and architectural design of the intake project will include development of the walkway with public access, public art, and educational interpretative displays.

Under this CALFED proposal, the City will work with Montgomery Watson, SWRI, and Lionakis Beaumont to expand the displays to integrate CALFED objectives and goals into the design of the educational displays and the public art work. This integration will include discussions of how adaptive management and monitoring are being used to guide actions toward restoring ecological health and improving overall water management of the State's water resources. Support will be provided by DWR on the draft design and content of education displays related to water quality, water conservation, and related CALFED program messages. SWRI will provide input on the design and content of the river ecosystem, fish screen protection, and fish habitat displays.

Location of the Project. The proposed water education center will be located within the boundaries of the City's water intake replacement project site on the Sacramento River (**Figure 1**), in Sacramento County. Two options exist at this site for the water education center (**Figure 2**). The optional sites are less than 500 feet from each other. Both would link public access between Jibboom Street and the Sacramento River Bike Trail, and a public walkway already planned by the City to the intake structure on the river will be linked to the center's displays at either site. The optional sites are approximately the same size (roughly one-half to one acre) and would include the same public presentations but, because of the configuration of the two sites, each site would involve a somewhat different layout for the water education displays.

Proposed Scope of Work. The City and Montgomery Watson will lead the planning and design team responsible for the water education center. The team will be made up of City staff in charge of the replacement intake structure project and specialists from CH2M Hill, SWRI, and Lionakis Beaumont. DWR will provide comments and technical review to draft work products. The project tasks will be coordinated with the City's construction schedule for the replacement intake project so that the water education center can be installed concurrent with completion of that project. A total of seven tasks have been identified for the project team as follows.

Task 1 – Finalize Project Schedule and Kick-Off Meeting. The City, after determining the schedule for final grading, paving, and other finishing work at the site, will coordinate with the project team to identify the specific schedule, team members from the City's consultants, and final tasks for planning and designing the water education center. The City will hold a kick-off meeting to identify specific task responsibilities to be implemented concurrent with replacement intake construction.

Products: Final Project Schedule, Kick-Off Meeting

Figure 1. USGS Quad Area of Proposed Water Education Center

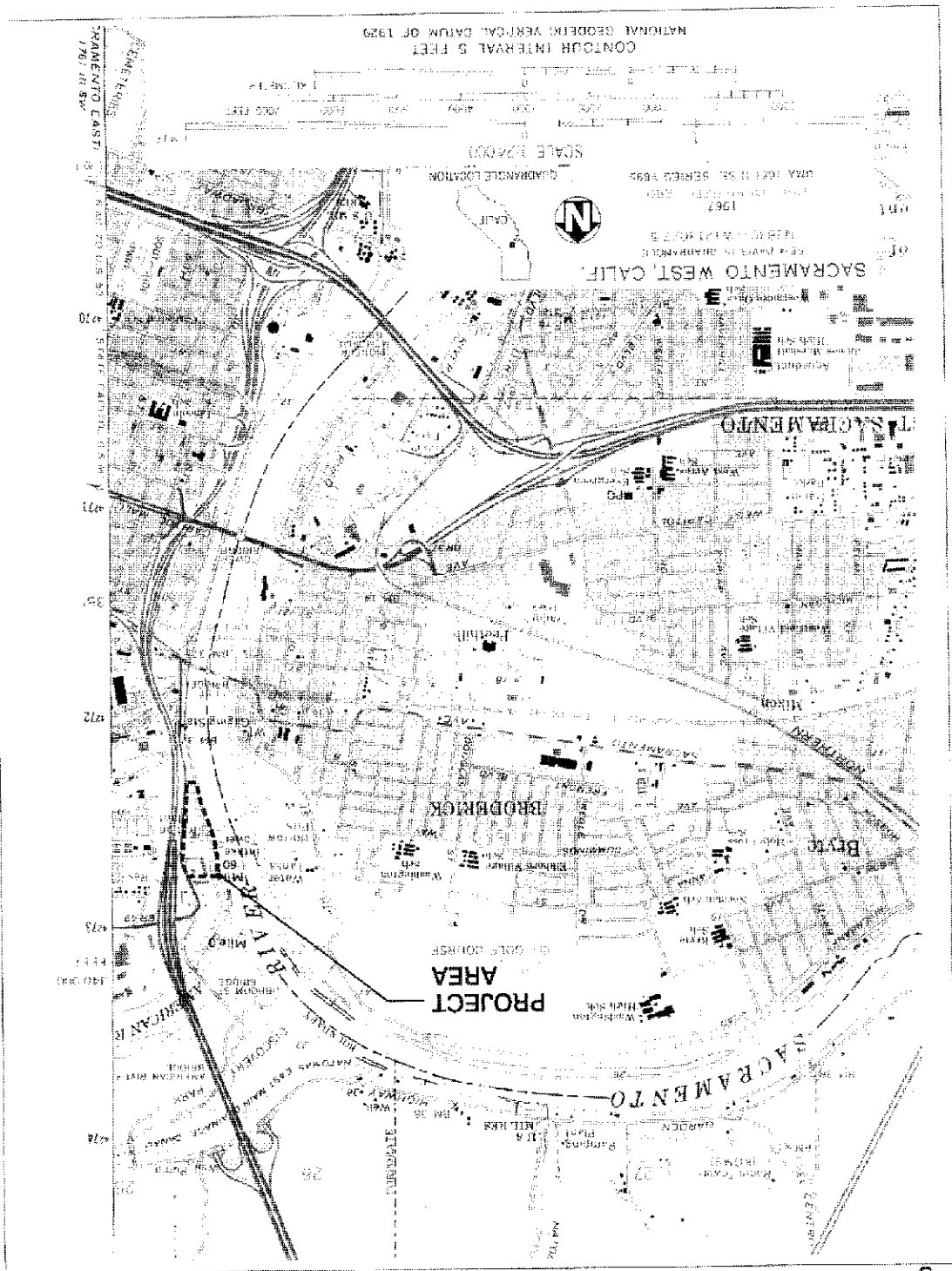
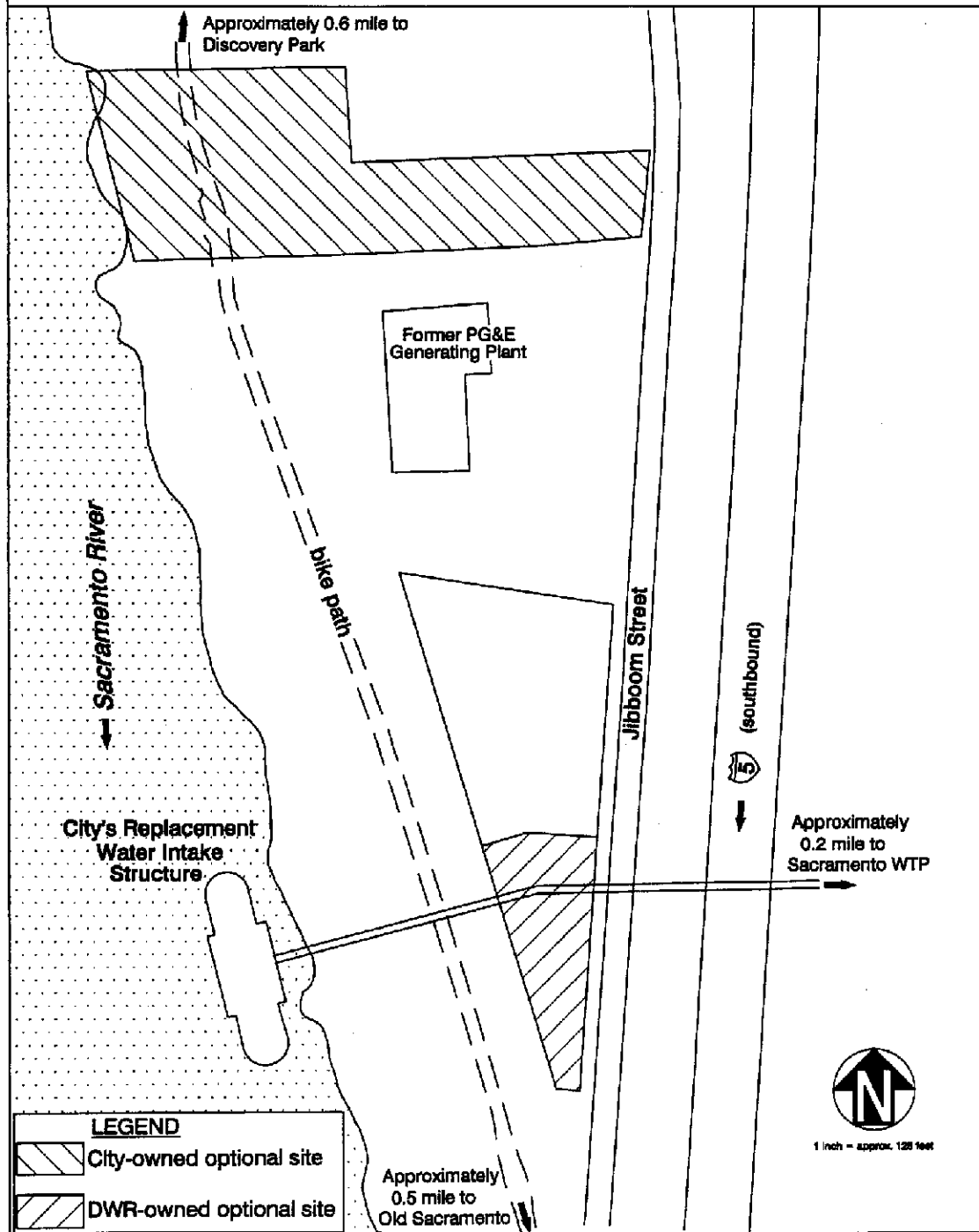


Figure 2. Optional Locations for Sacramento River Water Education Center



Task 2 – Develop Draft and Final Architectural Layouts and Displays. The layout of the education center will depend on which optional site is selected (Figure 2). The design of the display structures would also likely differ to accommodate site layout. After the final site is identified, the City will conduct approximately three project team meetings to develop architectural design concepts and information content for the displays. A preferred layout and design will be selected by the City with input from the team.

Products: Draft and Final Layouts and Designs for the Education Displays

Task 3 – Develop Education Guide Booklets. Two booklets will be designed to guide teachers on the information presented at the site. The booklets will be structured to correspond to the two education levels (i.e., grades 3/4 and high school) of the displays. The guide booklets will be developed by specialists of the project team and printed for distribution through City public education programs to regional schools. The project team will utilize DWR's existing water education materials as examples in developing effective guidebooks specific to the display themes.

Products: Grade 3/4 and High School Level Guide Booklets on Display Themes (1,000 each)

Task 4 – Prepare Specifications for the Displays. The City will oversee Lionakis Beaumont in developing construction specifications for installation of the displays as designed by the project team. As part of its cost-share for the project, the City will pay all costs for construction and construction management of the displays. This includes all labor, materials, and supplies.

Product: Construction Bid Specifications of the Water Education Displays

Task 5 – Develop and Implement Public Outreach Program. The City will identify existing public outreach and education programs to which the water education center can be linked. Existing City publications (e.g., City billing inserts) will be identified for announcing the completion, dedication ceremonies for, and public access to the center. The guide booklets and center will also be advertised by distributing copies of the booklets and descriptions of the center to existing public and private non-profit education organizations. The center will also be incorporated into the City's dedication ceremonies and media announcements publicizing completion of the replacement intake project. With the high rate of visitor use of the bike trail, Old Sacramento, and Discovery Park areas, the City will work with the Sacramento County Department of Parks and Recreation and others to install signs directing area visitors to the education center.

Products: Announcements to City Water Customers, Media and Education Organizations

Task 6 – Maintain Water Education Center. The City will inspect, maintain, and repair as needed the water education center as part of its maintenance activities for the replacement intake project and walkway onto the intake structure on the river.

Task 7 – Project Management. Under this task, the City and Montgomery Watson will manage task progress, schedules, contract conditions, and deliverables. Quarterly progress reports will be prepared and submitted to CALFED in accordance with CALFED requirements specified in the Proposal Solicitation Package.

Separable Tasks. Tasks 3 and 5 could be separated from this project. The public education center would be constructed, but would be unsupported by booklets and other outreach efforts. The center is in a high-traffic flow area, and would receive visitors, albeit a smaller number, without additional outreach.

Benefits

Project Objectives. The primary project objective is to increase public awareness, knowledge, and appreciation of the connections between the river ecosystem and drinking water supply and quality. Other objectives of the center are to increase public awareness and understanding of California water issues, create an aesthetically attractive public facility that communicates water management and river ecosystem concepts through artwork, and provide public access and information at a location where examples of water management can be directly seen by the public (e.g., river diversion for drinking water supplies that includes state-of-the-art screens for juvenile fish protection).

Project Need. There is currently no public education facility where northern California residents and teachers have ready access to a 'real-world' example of a municipal water supply diversion. This proposal will take advantage of the City's plans for a public access walkway to the intake structure in the river by adding displays to communicate current environmental education issues interrelated to the replacement diversion. CALFED and the Water Education Foundation have begun developing school programs and materials to help teachers work with students to develop an understanding of the many factors that affect water supply, water quality, and river ecosystems. A destination is needed where students and the general public can see first-hand how even one element (urban water intake) relates to the numerous other factors (as communicated through the displays).

Project Focus. The focus of the project will be to effectively communicate and increase public awareness of environmental issues that affect and are affected by water management. The target audiences for public education will be grade levels that introduce (grades 3/4) or begin to explore (early high school) California water concepts and issues. The target audiences for the general public are recreationists and other visitors to Old Sacramento and Discovery Park that are attracted to the area for other reasons (e.g., picnicking, bicycling, and Railroad Museum) and who may be attracted to the artwork and novelty of the bridge walkway to the intake structure on the river.

The content of the public education displays will focus on themes that are relevant to both the location of the facility and to the City's water supply and quality management activities. The three themes—river ecosystems, fisheries protection, and water conservation—are more fully discussed under the project description section.

Project Benefits. There will be multiple, long-term benefits from the education center. First, year-round attractions and events in Old Sacramento, seasonal recreation activities at Discovery Park, and year-round public use of the Sacramento River/American River bike trails are expected to result in possibly tens of thousands of visitors to the center each year. Second, the City's community outreach activities will inform hundreds of teachers in the Sacramento region about the center. Hundreds of field trips are already scheduled annually to Old Sacramento and the Railroad Museum and hundreds more are scheduled as part of Sutter's Fort living history program. Third, the artwork alone will attract a certain additional number of visitors to the site who, through the artwork as well as the information displays, will become better informed of water-related environmental issues.

Project Durability. The artwork, displays, and architectural structures will be designed and constructed for an economic life equal to that of the replacement intake project. The artwork will be a permanent fixture made of durable materials that can withstand weathering, graffiti, and other challenges to its integrity. The displays will be designed so that updates to the education information can be accomplished cost-effectively, whereas the artwork theme will be designed to communicate more abstract concepts that are relatively timeless.

Linkages. The City, DWR, and CALFED have existing public awareness/information programs that will be complemented by the water education center. These include the City's public information inserts to monthly billings, DWR's Office of Water Education and Office of Water Conservation publications and programs, and CALFED's ongoing public information and involvement programs. The water education center will be incorporated as a public exhibit listing and will be feature-referenced through these and other existing education programs.

This project will also highlight another CALFED activity related to the replacement intake project. In the prior CALFED Category III funding cycle, CALFED approved cost-sharing for the state-of-the-art fish screens to be installed on the replacement intake structure. The current proposal will provide for a display that identifies CALFED's contribution and the juvenile fish protection benefits that will result.

Relationship to Past and Future Projects. Earlier this decade, DWR developed detailed plans for a water center that would have included an education center for the public and offices for DWR operations staff. The plans included the conversion of the abandoned PG&E building immediately south of the City's land.

The City has been in negotiations with DWR for temporary and permanent easements needed for constructing the replacement intake project facilities. Depending on the outcome of the negotiations, the City may seek to locate the proposed water education center on the DWR-owned site (Figure 2). If the DWR-owned site is not a viable option, then the City will install the education center on its property.

Current Project Status. The City's replacement intake structure project was analyzed in an Initial Study/Environmental Assessment that was distributed for public review and comment in February 1999. Limited public comments were received on the document and none concerned the public information displays. The potential for CALFED funding for designing the center will be noted as part of the final environmental document for the replacement intake project.

Relationship to ERP Future Actions and Goals. The education center will have a display format that can be modified based on changes in CALFED priorities and goals. The creation of the center and the anticipated high visitor use will have high public information values to CALFED indefinitely. As major program changes occur, CALFED could easily update displays to communicate and increase public awareness of current CALFED initiatives. Similarly, displays regarding water conservation and quality, the status of fisheries, and changes in California water management issues could be similarly updated.

Relationship to Legal Obligations and Agency Mandates. The public access walkway at the replacement intake structure will accomplish a policy objective of the City regarding public accessibility and public awareness of City activities. There are no legal obligations or agency mandates related to this proposal.

System-Wide Ecosystem Benefits. To the extent that public awareness and education will contribute to improving individual actions and decisions relating to water conservation, water quality, and other environmental actions of individuals, the education project is expected to have the greatest impact on the greater Sacramento region populace.

Compatibility with Non-Ecosystem Objectives. Public awareness, education, and outreach are non-ecosystem CALFED objectives to be accomplished by this project. Other non-ecosystem objectives of CALFED will be indirectly furthered to the extent such topics are incorporated in the displays at the education center.

Benefits and Conflicts to Other CALFED Programs. Adaptive management is a key component of the CALFED Program. One way the education center will contribute to this process is to provide information to the public on how CALFED uses this strategy to reach long-term program objectives.

Third Party Benefits. As part of the project, the City will coordinate with local school districts to introduce the project into the field trip curriculum. Also, announcements and copies of the guide booklets will be provided to other existing education entities that focus on natural resources and conservation efforts in the Sacramento area.

Technical Feasibility and Timing

Project Alternatives. As described in Location of the Project on Page 3, two different options for locating the water education center have been evaluated. No other project alternatives have been identified.

Compliance with Applicable Environmental Laws, Approvals, and Requirements. Please refer to the Current Project Status section on Page 7.

Project Constraints. No significant project constraints have been identified. The space limitations of the alternative sites (Figure 2), the City's budget for funding the displays, and the construction schedule for the replacement intake project are known constraints within which the project team can accomplish the objectives identified in this proposal.

Monitoring and Data Collection Methodology

Monitoring and data collection methodology is not applicable to this project.

Local Involvement

County Notification. The Planning Director of Sacramento County, Tom Hutchings, was notified in writing of this project, with a copy mailed to the Sacramento County Board of Supervisors. A copy of the notification letter is included in Appendix A.

Local Interested Parties. This project is being initiated by a local agency, the City of Sacramento. The City will coordinate with the Old Sacramento Citizens and Merchants Association and other Waterfront businesses, the Sacramento County Department of Parks and Recreation, and the Sacramento Metropolitan Arts Commission.

The project will be compatible with local land uses, which include the Sacramento River Bike Trail, Discovery Park, and Old Sacramento.

Contacts With Other Government Agencies. Under this CALFED proposal, the City will solicit comments from DWR's Office of Water Education in developing the displays and public artwork. DWR will provide comments on the draft design and content of education displays related to water quality, water conservation, and related CALFED program messages. The education center displays will complement as applicable DWR's Office of Water Education and Office of Water Conservation publications and programs, and CALFED's ongoing public information and involvement programs.

Public Outreach Plan. The City will coordinate with regional school districts, Old Sacramento and Waterfront businesses, and Sacramento County Parks as part of an active public outreach program. DWR will comment on the design of the educational materials and provide existing information on water quality and water conservation to be integrated into the presentations. Additional information on public outreach is presented under Task 5, Develop and Implement Public Outreach Program.

Third Party Effects. No third party effects are anticipated from this project.

Cost

Budget. A budget of \$46,500 is requested under this proposal to support the design of the water education center and a public outreach program. Table 1 shows a breakdown of the proposed budget by task.

CALFED funds will be dedicated to partially fund the technical tasks of Montgomery Watson, SWRI, and Lionakis Beaumont in designing the center and displays. The remainder of planning and design costs and all construction costs for the center will be funded through the City's construction budget for the replacement intake project.

Schedule. The proposed schedule of the education center design tasks is shown on Figure 3.

**Table 1. Total Budget (CALFED Funds Only)
Sacramento River Water Education Center**

Task	Direct Labor Hours	Direct Salary and Benefits	Service Contracts	Material and Acquisition Costs	Misc. and Other Direct Costs	Overhead and Other Direct Costs	Total Cost
Task 1 - Finalize Project Schedule and Kick-Off Meeting		\$2,400					\$2,400
Task 2 - Develop Draft and Final Architectural Layouts and Displays		\$27,000					\$27,000
Task 3 - Develop Education Guide Booklets		\$7,500					\$7,500
Task 4 - Prepare Specifications of the Displays		\$4,200					\$4,200
Task 5 - Develop and Implement Public Outreach Program		\$5,400					\$5,400
Task 6 - Maintain Water Education Center		—					\$0
Task 7 - Project Management		—					\$0

**Table 2. Quarterly Budget
Sacramento River Water Education Center**

Task	Oct-Dec 1999	Jan-Mar 2000	Apr-Jun 2000	Jul-Sep 2000	Oct-Dec 2000	Jan-Mar 2001	Apr-Jun 2001	Jul-Sep 2001	Oct-Dec 2001	Total Budget
Task 1 - Finalize Project Schedule and Kick-Off Meeting	\$2,400									\$2,400
Task 2 - Develop Draft and Final Architectural Layouts and Displays	\$3,000	\$13,200	\$10,800							\$27,000
Task 3 - Develop Education Guide Booklets				\$2,500	\$3,750	\$1,250				\$7,500
Task 4 - Prepare Specifications of the Displays				\$2,100	\$2,100					\$4,200
Task 5 - Develop and Implement Public Outreach Program						\$1,000	\$2,500	\$1,000	\$900	\$5,400
Task 6 - Maintain Water Education Center										
Task 7 - Project Management										

Figure 3. Sacramento River Water Education Center Timeline

Task	1999				2000				2001				2002			
	O	N	D	J	F	M	A	M	J	J	A	M	A	M	J	A
Task 1 - Finalize Project Schedule and Kick-Off Meeting																
Task 2 - Develop Draft and Final Architectural Layouts and Displays																
Task 3 - Develop Education Guide Booklets																
Task 4 - Prepare Specifications of the Displays																
Task 5 - Develop and Implement Public Outreach Program																
Task 6 - Maintain Water Education Center																
Project Management Quarterly Reports																
Milestones																
CALFED Contract	◆															
Final Design Specifications																
Distribute Announcements & Booklets Describing Center																
Dedication Ceremony																

Cost Sharing

Please see the budget section under the heading 'Cost'.

Applicant Qualifications

Project Team. The project team includes the City of Sacramento, Montgomery Watson, CH2M Hill, SWRI, and the Lionakis Beaumont Design Group, Inc.

Individual Responsibilities and Qualifications.

Funding requested through this proposal will support the design activities of three of the project entities: Montgomery Watson, SWRI, and Lionakis Beaumont. DWR's participation as a technical reviewer would be contributed without cost. Described below are summary responsibilities and qualifications for Montgomery Watson, SWRI, and Lionakis Beaumont.

Montgomery Watson

- Project management and coordination with the City.

Montgomery Watson is an environmental engineering and technology company with engineers, scientists, planners, managers, and supporting staff with the expertise to help their clients preserve and enhance the quality of the environment. Montgomery Watson is actively participating in several CALFED programs and projects that address water management issues to be displayed at the water education center.

Surface Water Resources, Inc.

- Provide technical fish species, life stages, habitat, ecosystem, and river/delta relationship information

SWRI is a water resources consulting firm that specializes in aquatic and other water-related biological resources matters. SWRI is active in CALFED programs and is currently performing analyses and consulting with resources agencies on numerous Endangered Species Act listed species, including fish to be protected by the replacement intake project screens.

Lionakis Beaumont Design Group, Inc.

- Integrate architectural design and site layout of project with intake structure design and theme

Potential Conflicts of Interest. There are no known conflicts of interest.

Appendix A
Local Involvement and Support Letters

Sacramento County



Department of Utilities
Office of the Director

CITY OF SACRAMENTO
CALIFORNIA

1395 35th Avenue
Sacramento, CA 95822-2911
phone (916) 264-1400
fax (916) 264-1497/1498

April 15, 1999

Mr. Tom Hutchings
Planning Director
Sacramento County Planning Department
827 7th Street, Room 230
Sacramento, CA 95814

Subject: City of Sacramento Proposal to CALFED to Develop a Water Education Center Near
the Sacramento River

Dear Mr. Hutchings:

This letter is to inform Sacramento County that the City of Sacramento plans to submit a proposal to CALFED to develop a water education center along the bike trail near Old Sacramento presenting how river ecosystems, fisheries protection, and water conservation are important to drinking water supplies and quality.

The City is currently designing and will soon construct a public walkway with artwork at the City's replacement water intake facility on the Sacramento River. The artwork will communicate environmental and historical themes related to the Sacramento Waterfront.

If the City receives CALFED funding for the project, then the City will be contacting Sacramento County regarding the coordination of public outreach activities for the center. Please feel free to contact me at (916) 264-1426 with any questions you might have.

Sincerely,

Gary E. Gosse
Supervising Engineer

cc: Sacramento County Board of Supervisors



CITY OF SACRAMENTO
DEPARTMENT
OF UTILITIES

Making a Difference in Your Neighborhood

1 - 0 2 0 7 7 2

I-020772

Appendix B

Required State and Federal Forms

Nondiscrimination Compliance Statement

Standard Form 424 - Application for Federal Assistance

Standard Form 424A Budget Information

Standard Form 424B Assurances Non-Construction Programs

*Certifications Regarding Debarment, Suspension and Other
Responsibility Matters, Drug-Free Workplace Requirements and
Lobbying*

NONDISCRIMINATION COMPLIANCE STATEMENT

STTL 10 (REV. 3-88) F&C

COMPANY NAME

City of Sacramento

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

Gary E. Gosse

OFFICIAL'S NAME

April 16, 1999

DATE EXECUTED

EXECUTED IN THE COUNTY OF

Sacramento

PROSPECTIVE CONTRACTOR'S SIGNATURE

Supervising Engineer

PROSPECTIVE CONTRACTOR'S TITLE

City of Sacramento, Department of Utilities

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

U.S. Department of the Interior

Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used; use this form for certification and sign; or use Department of the Interior Form 1954 (DI-1954). (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions

CHECK ☒ IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions

CHECK ☐ IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART C: Certification Regarding Drug-Free Workplace Requirements

CHECK ☒ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL

Alternate I. (Grantees Other Than Individuals)

A. The grantee certifies that it will or continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about--
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

City of Sacramento Department of Utilities

1395 35th Avenue, Sacramento, CA 95822

Check ☐ if there are workplaces on file that are not identified here.

PART D: Certification Regarding Drug-Free Workplace Requirements

CHECK ☐ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

PART E: Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements

CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT; SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.

CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.

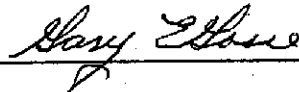
The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL



TYPED NAME AND TITLE

Gary E. Gosse, Supervising Engineer

DATE

April 16, 1999

APPLICATION FOR FEDERAL ASSISTANCE

OMB Approval No. 0340-0043

1. TYPE OF SUBMISSION: Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		2. DATE SUBMITTED April 16, 1999	Applicant Identifier
3. DATE RECEIVED BY STATE		State Application Identifier	
4. DATE RECEIVED BY FEDERAL AGENCY		Federal Identifier	

5. APPLICANT INFORMATION Legal Name: <u>City of Sacramento</u> Address (give city, county, State, and zip code): 1395 35th Street Sacramento, CA 95822		Organizational Unit: <u>Department of Utilities</u> Name and telephone number of person to be contacted on matters involving this application (give area code): Gary E. Gosse 916/264-1426																				
6. EMPLOYER IDENTIFICATION NUMBER (EIN): <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 9 4 - 6 0 0 0 4 1 0 </div>	7. TYPE OF APPLICANT: (enter appropriate letter in box) <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> A. State B. County C. Municipal D. Township E. Interstate F. Intermunicipal G. Special District </div> <div style="width: 45%;"> H. Independent School Dist. I. State Controlled Institution of Higher Learning J. Private University K. Indian Tribe L. Individual M. Profit Organization N. Other (Specify) _____ </div> </div> <div style="text-align: right; margin-top: -20px;"> <input checked="" type="checkbox"/> C </div>																					
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) <input type="checkbox"/> <input type="checkbox"/> A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other(specify): _____																						
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: N/A <input type="checkbox"/> <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																						
11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Sacramento River Water Education Center																						
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): Sacramento, Sacramento County, California																						
13. PROPOSED PROJECT Start Date: <u>10/1999</u> Ending Date: <u>3/2000</u>	14. CONGRESSIONAL DISTRICTS OF: a. Applicant: <u>3-5, 11</u>																					
15. ESTIMATED FUNDING: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">a. Federal</td> <td style="width: 10%;">\$</td> <td style="width: 10%; text-align: right;">.00</td> </tr> <tr> <td>b. Applicant</td> <td>\$</td> <td style="text-align: right;">.00</td> </tr> <tr> <td>c. State</td> <td>\$</td> <td style="text-align: right;">.00</td> </tr> <tr> <td>d. Local</td> <td>\$</td> <td style="text-align: right;">.00</td> </tr> <tr> <td>e. Other</td> <td>\$</td> <td style="text-align: right;">.00</td> </tr> <tr> <td>f. Program Income</td> <td>\$</td> <td style="text-align: right;">.00</td> </tr> <tr> <td>g. TOTAL</td> <td>\$</td> <td style="text-align: right;">.00</td> </tr> </table>	a. Federal	\$.00	b. Applicant	\$.00	c. State	\$.00	d. Local	\$.00	e. Other	\$.00	f. Program Income	\$.00	g. TOTAL	\$.00	16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS? N/A a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____ b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW
a. Federal	\$.00																				
b. Applicant	\$.00																				
c. State	\$.00																				
d. Local	\$.00																				
e. Other	\$.00																				
f. Program Income	\$.00																				
g. TOTAL	\$.00																				
17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No																						
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.																						
a. Type Name of Authorized Representative <u>Gary E. Gosse</u>	b. Title <u>Supervising Engineer</u>	c. Telephone Number <u>916/264-1426</u>																				
d. Signature of Authorized Representative <u>Gary E. Gosse</u>	e. Date Signed <u>Apr 16, 1999</u>																					

Previous Editions Usable
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Standard Form 424 (Rev. 7-97)
Prescribed by OMB Circular A-102

INSTRUCTIONS FOR THE SF-424

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

This is a standard form used by applicants as a required facesheet for preapplications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

- | Item: | Entry: | Item: | Entry: |
|-------|--|-------|--|
| 1. | Self-explanatory. | 12. | List only the largest political entities affected (e.g., State, counties, cities). |
| 2. | Date application submitted to Federal agency (or State if applicable) and applicant's control number (if applicable). | 13. | Self-explanatory. |
| 3. | State use only (if applicable). | 14. | List the applicant's Congressional District and any District(s) affected by the program or project. |
| 4. | If this application is to continue or revise an existing award, enter present Federal Identifier number. If for a new project, leave blank. | 15. | Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate <u>only</u> the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15. |
| 5. | Legal name of applicant, name of primary organizational unit which will undertake the assistance activity, complete address of the applicant, and name and telephone number of the person to contact on matters related to this application. | 16. | Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State Intergovernmental review process. |
| 6. | Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service. | 17. | This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes. |
| 7. | Enter the appropriate letter in the space provided. | 18. | To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.) |
| 8. | Check appropriate box and enter appropriate letter(s) in the space(s) provided:

- "New" means a new assistance award.

- "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.

- "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. | | |
| 9. | Name of Federal agency from which assistance is being requested with this application. | | |
| 10. | Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested. | | |
| 11. | Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project. | | |

BUDGET INFORMATION - Non-Construction Programs

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. CALFED Bay-Delta Program Ecosystem		\$	\$	\$ 34,000	\$ *	\$ 34,000
2. Restoration Program (ERP)						
3.						
4.						
5. Totals		\$	\$	\$ 34,000	\$	\$ 34,000
6. Object Class Categories						
		GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
		(1) ERP	(2)	(3)	(4)	(5)
a. Personnel		\$ 23,800	\$	\$	\$	\$
b. Fringe Benefits		10,200				
c. Travel						
d. Equipment						
e. Supplies						
f. Contractual						
g. Construction						
h. Other						
i. Total Direct Charges (sum of 6a-5h)		34,000				
j. Indirect Charges						
k. TOTALS (sum of 6i and 6j)		\$ 34,000	\$	\$	\$	\$
7. Program Income						
		\$	\$	\$	\$	\$

Previous Edition Usable

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Standard Form 424A (Rev. 4-82)
Prescribed by OMB Circular A-102

* Project management costs will be covered under the City of Sacramento's Sacramento River Intake Replacement Project.

1-020780

1-020780

SECTION 1 - UNEXPENDED RESOURCES				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8. ERP	\$	\$ **	\$ *	\$
9.				
10.				
11.				
12. TOTAL (sum of lines 8 - 11)	\$	\$	\$	\$

SECTION 2 - FUNDING CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 34,000	\$ 5,400	\$ 13,200	\$ 10,800	\$ 4,600
14. NonFederal					
15. TOTAL (sum of lines 13 and 14)	34,000	5,400	13,200	10,800	4,600

SECTION 3 - BUDGET ESTIMATES OF FUTURE FUNDING PERIODS (Years)				
(a) Grant Program	(b) First	(c) Second	(d) Third	(e) Fourth
16. ERP	\$ 11,600	\$ 900	\$	\$
17.				
18.				
19.				
20. TOTAL (sum of lines 16-19)	\$ 11,600	\$ 900	\$	\$

21. Direct Charges:	22. Indirect Charges:
23. Remarks:	

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Standard Form 424A (Rev. 4-92) Page 2

** The California Department of Water Resources will serve as a technical reviewer at no charge.

INSTRUCTIONS FOR THE SF-424A

Public reporting burden for this collection of information is estimated to average 180 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0044), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

General Instructions

This form is designed so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which requires Federal authorization in annual or other funding period increments. In the latter case, Sections A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown by the object class categories shown in Lines a-k of Section B.

Section A. Budget Summary Lines 1-4 Columns (a) and (b)

For applications pertaining to a *single* Federal grant program (Federal Domestic Assistance Catalog number) and *not* requiring a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a *single* program requiring budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in Column (a) and the respective catalog number on each line in Column (b).

For applications pertaining to a *multiple* programs where one or more programs require a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

Lines 1-4, Columns (c) through (g)

For *new* applications, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

For *continuing* grant program applications, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in Columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For *supplemental grants and changes* to existing grants, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

Line 5—Show the totals for all columns used.

Section B. Budget Categories

In the column headings (1) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1-4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

Lines 6a-4—Show the totals of Lines 6a and 6h in each column.

Line 6j—Show the amount of indirect cost.

Line 6k—Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total amount shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.

Line 7—Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program.

INSTRUCTIONS FOR THE SF-424A (continued)

narrative statement the nature and source of income. The estimated amount of program income may be considered by the federal grantor agency in determining the total amount of the grant.

Section C. Non-Federal Resources

Lines 8-11--Enter amounts of non-Federal resources that will be used on the grant. If in-kind contributions are included, provide a brief explanation on a separate sheet.

Column (a) - Enter the program titles identical to Column (a), Section A. A breakdown by function or activity is not necessary.

Column (b) - Enter the contribution to be made by the applicant.

Column (c) - Enter the amount of the State's cash and in-kind contribution if the applicant is not a State or State agency. Applicants which are a State or State agencies should leave this column blank.

Column (d) - Enter the amount of cash and in-kind contributions to be made from all other sources.

Column (e) - Enter totals of Columns (b), (c), and (d).

Line 12--Enter the total for each of Columns (b)-(e). The amount in Column (e) should be equal to the amount on Line 5, Column (f) Section A.

Section D. Forecasted Cash Needs

Line 13--Enter the amount of cash needed by quarter from the grantor agency during the first year.

Line 14--Enter the amount of cash from all other sources needed by quarter during the first year.

Line 15--Enter the totals of amounts on Lines 13 and 14.

Section E. Budget Estimates of Federal Funds Needed for Balance of the Project.

Lines 16-19--Enter in Column (a) the same grant program titles shown in Column (a), Section A. A breakdown by function or activity is not necessary. For new applications and continuation grant applications, enter in the proper columns amounts of Federal funds which will be needed to complete the program or project over the succeeding funding period (usually in years). This section need not be completed for revisions (amendments, changes, or supplements) to funds for the current year of existing grants.

If more than four lines are needed to list the program titles, submit additional schedules as necessary.

Line 20--Enter the total for each of the Columns (b)-(e). When additional schedules are prepared for this Section, annotate accordingly and show the overall totals on this line.

Section F. Other Budget Information

Line 21--Use this space to explain amounts for individual direct object-class cost categories that may appear to be out of the ordinary or to explain the details as required by the Federal grantor agency.

Line 22--Enter the type of indirect rate (provisional, predetermined, final or fixed) that will be in effect during the funding period, the estimated amount of the base to which the rate is applied, and the total indirect expense.

Line 23--Provide any other explanations or comments deemed necessary.

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET.
SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11888; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (Identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL		TITLE	
<i>Gary E. Brown</i>		Supervising Engineer	
APPLICANT ORGANIZATION		DATE SUBMITTED	
City of Sacramento		April 16, 1999	

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